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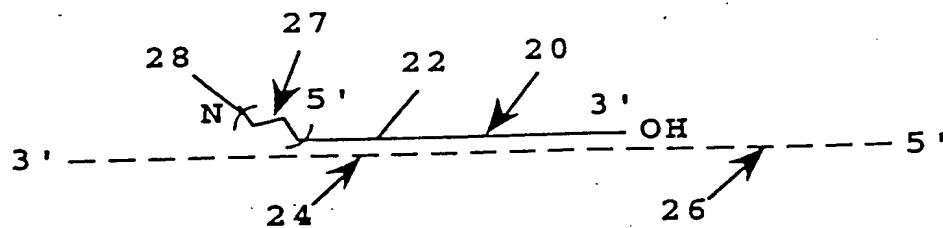


Fig. 1A

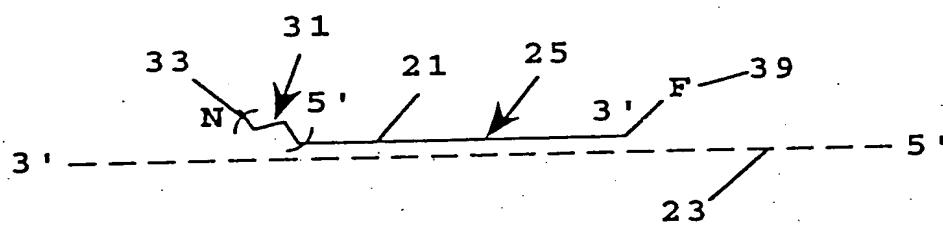


Fig. 1B

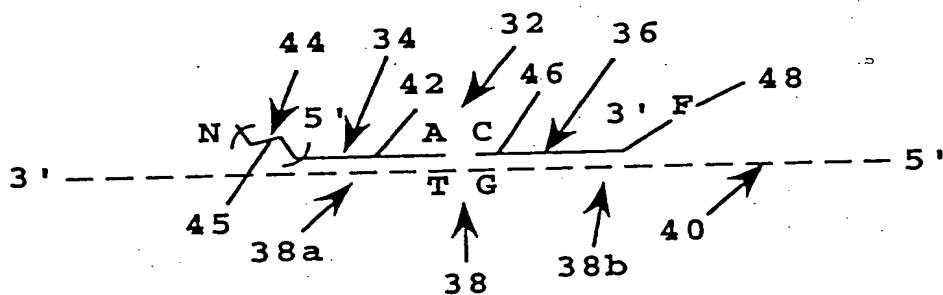


Fig. 1C

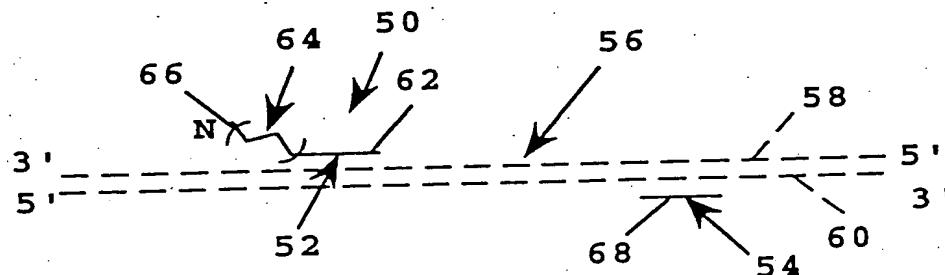
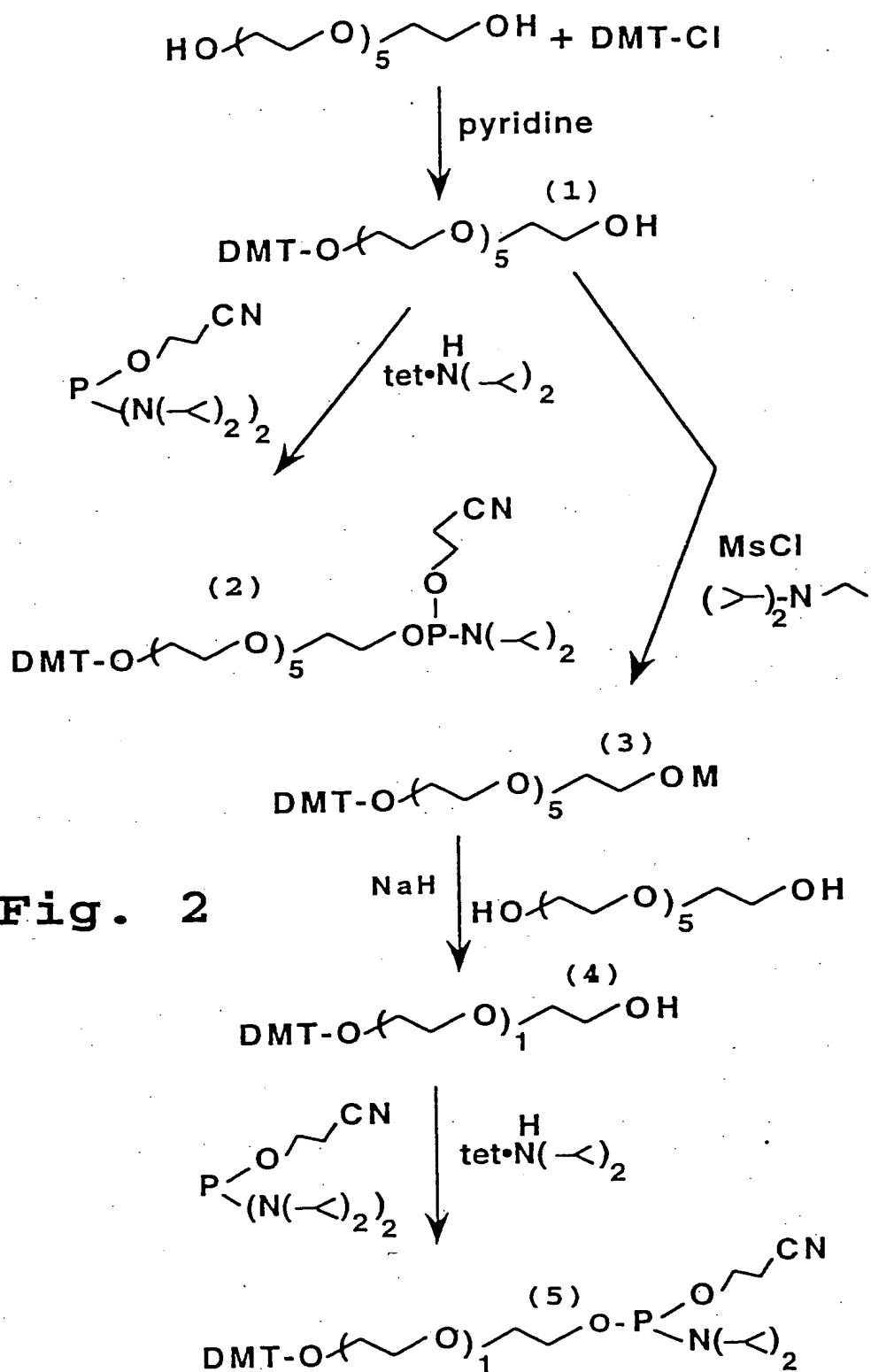


Fig. 1D



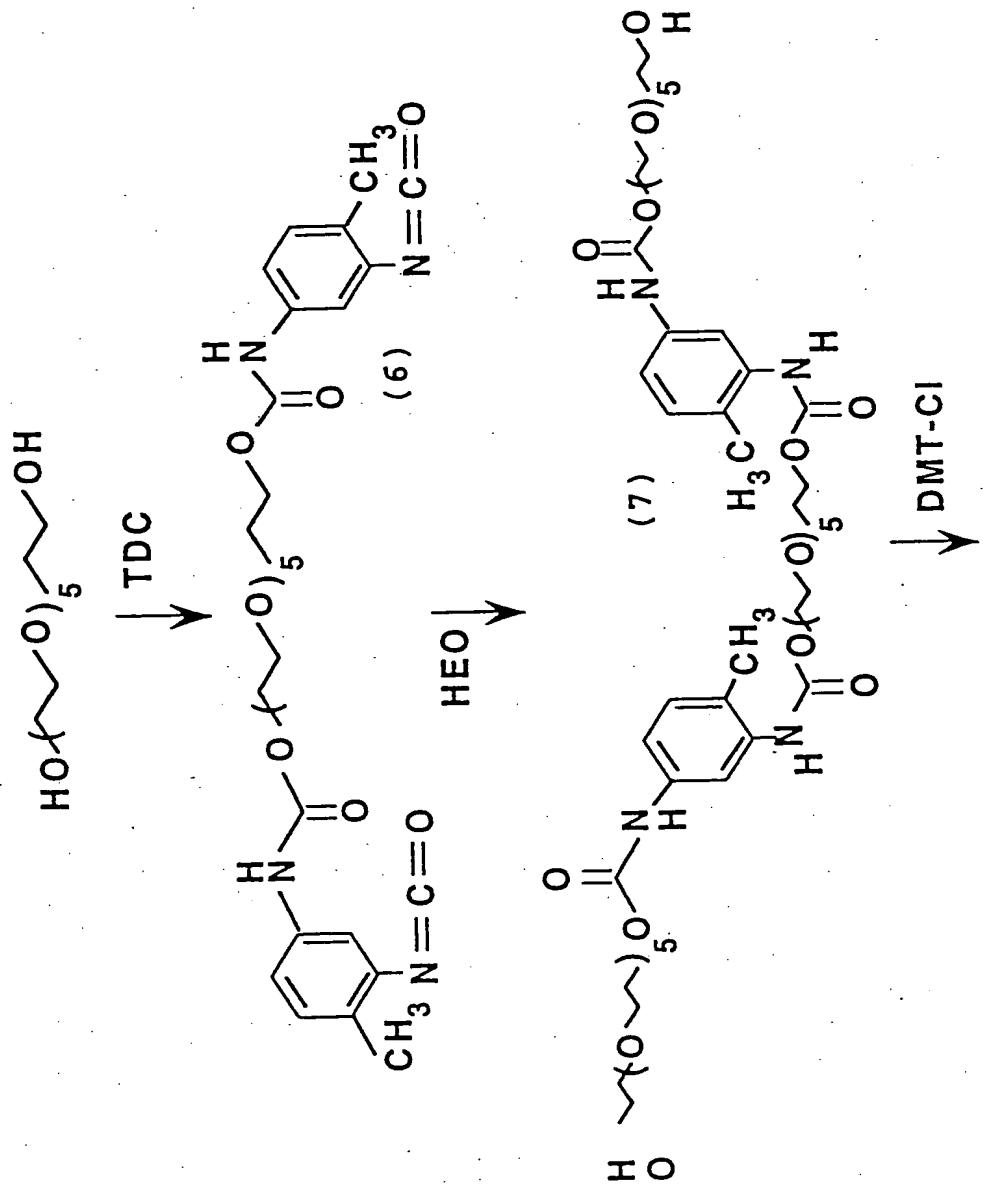


Fig. 3A

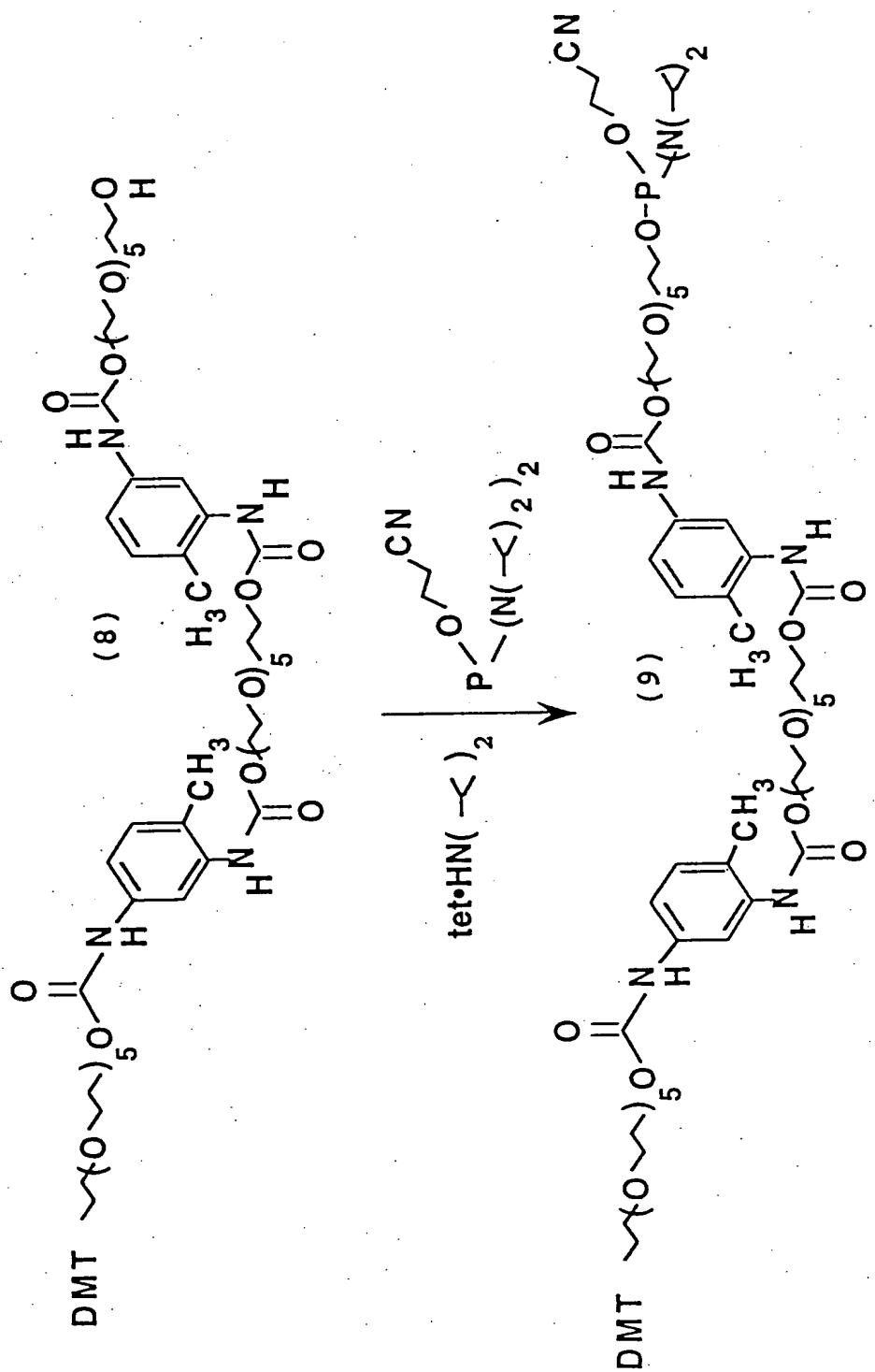


Fig. 3B

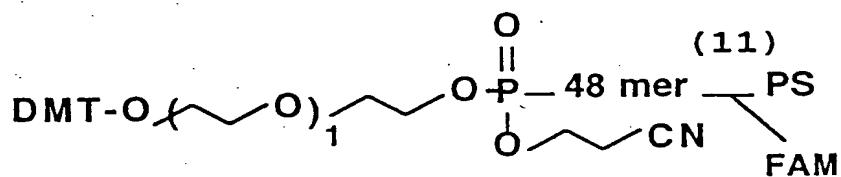
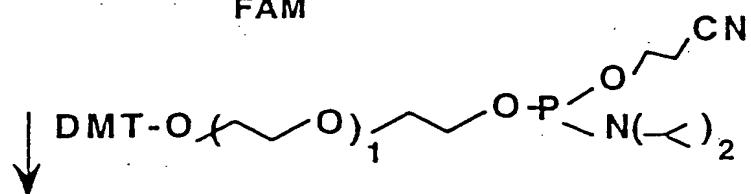
(10)

5'

GCA CCA TTA AAG AAA ATA TCA TCT TTG GTG
TTT CCT ATG ATG AAT ATA PS

3'

FAM



↓ Cleave
↓ Deprotect
↓ CH₃CO₂H

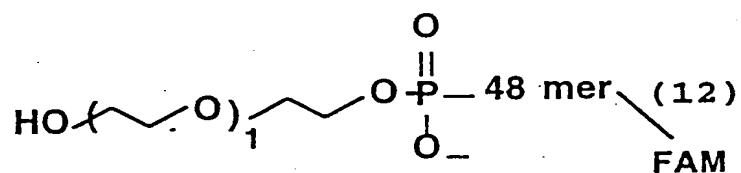


Fig. 4A

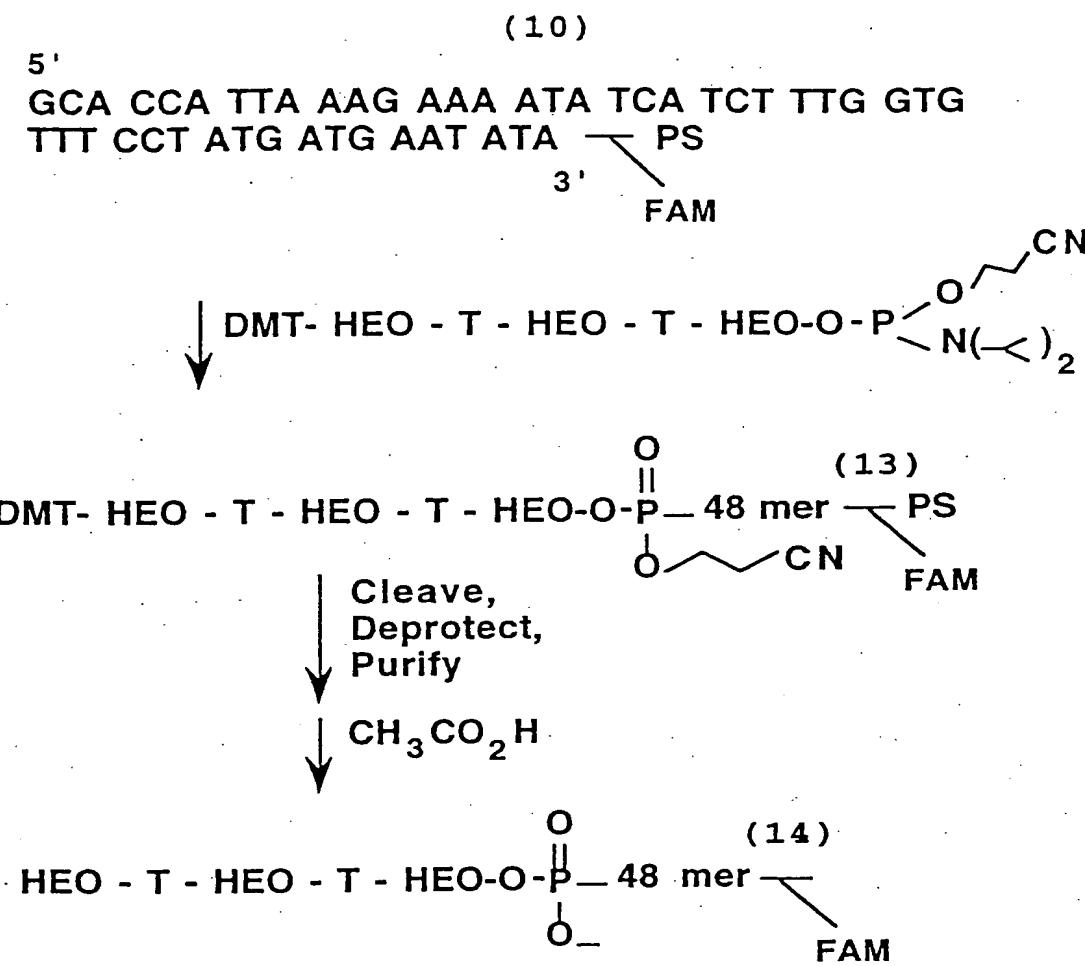


Fig. 4B

5' (15) 3'
 TTG GTG TTT CCT ATG ATG AAT ATA — LAN-T

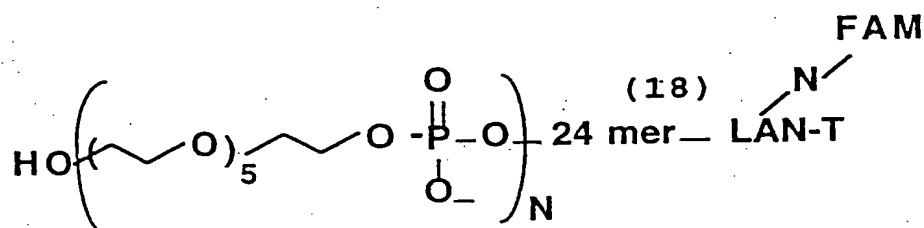
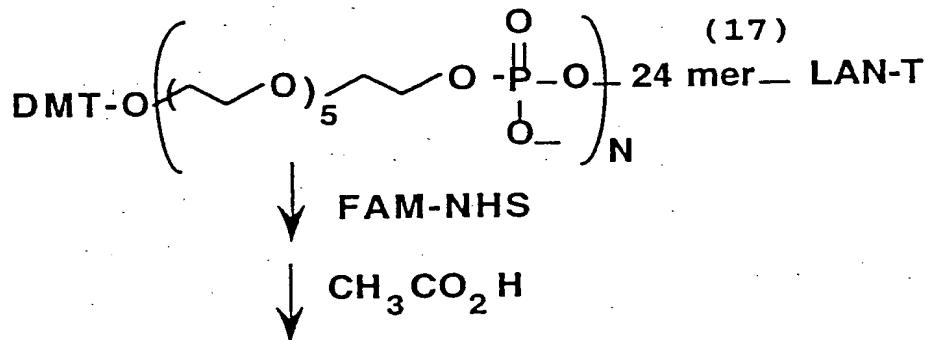
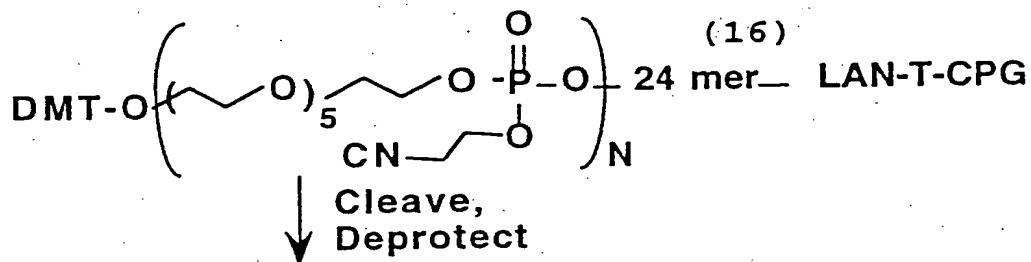
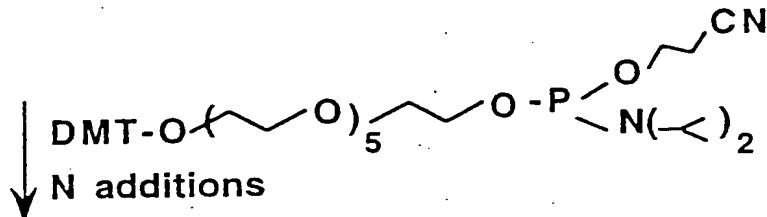


Fig. 5

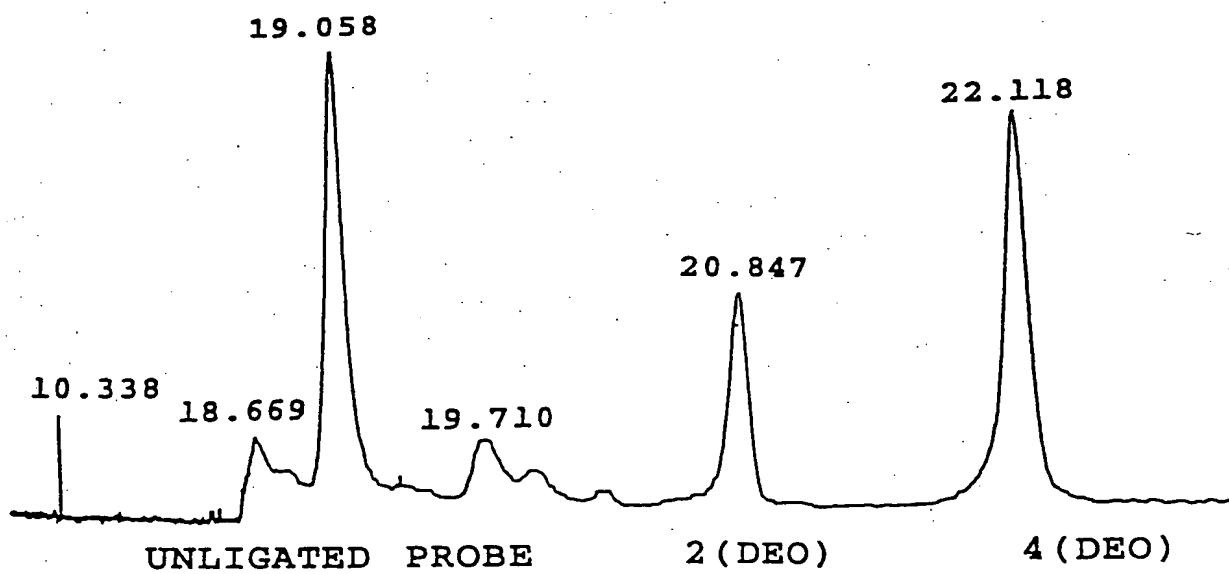
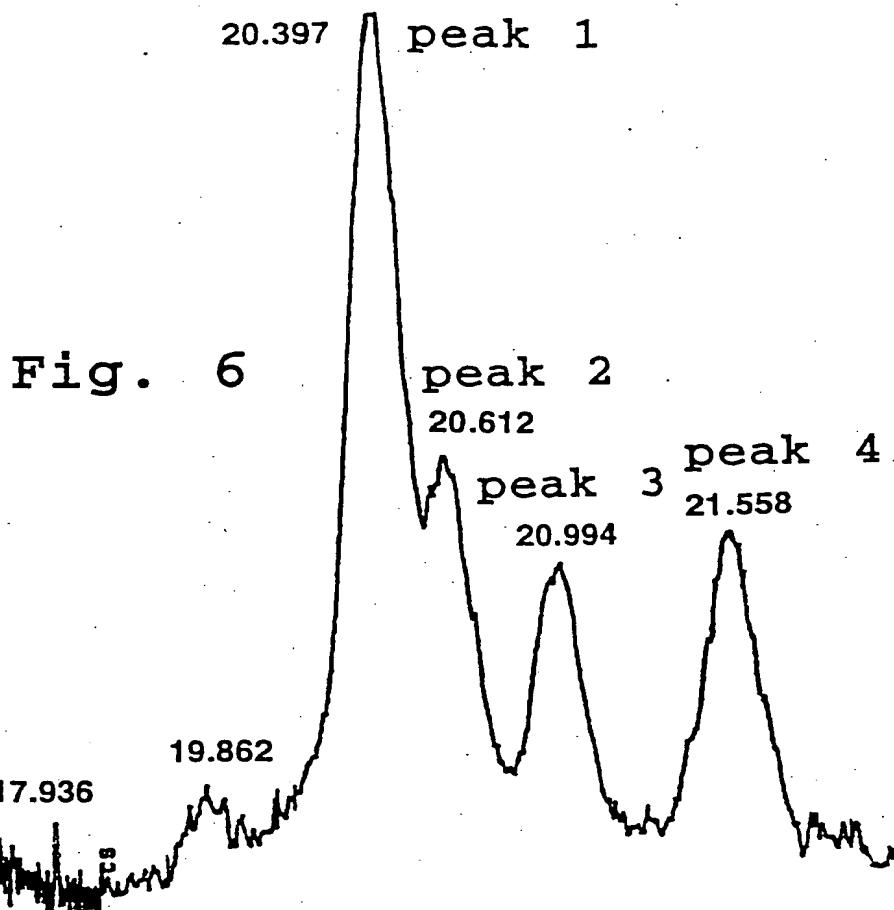


Fig. 11

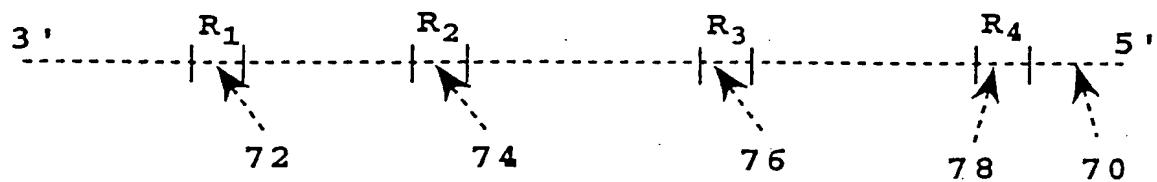


Fig. 7A

↓ PROBE COMPOSITION

↓ ANNEAL

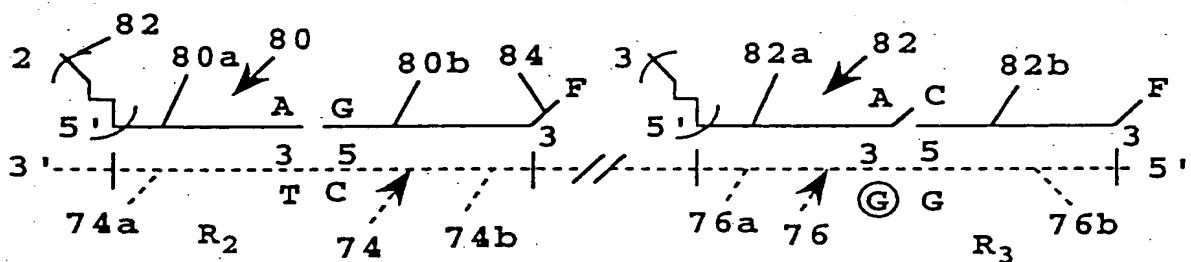


Fig. 7B

↓ LIGAS

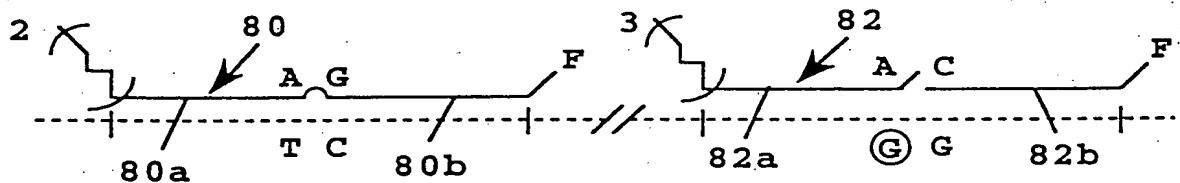


Fig. 7C

↓ DENATURE

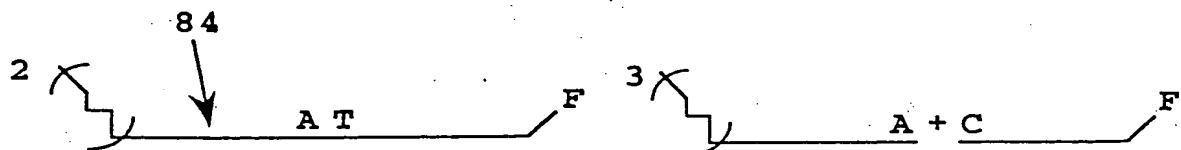
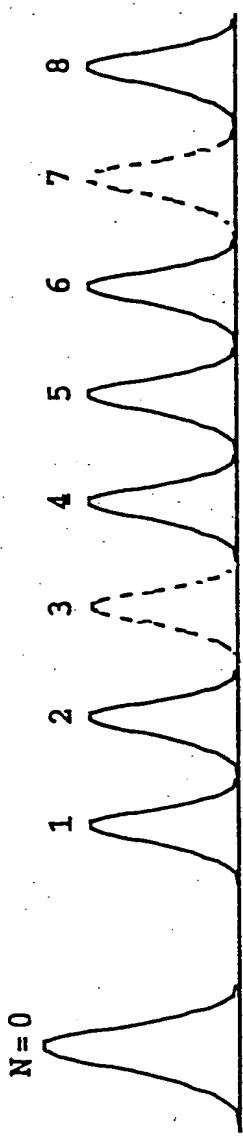
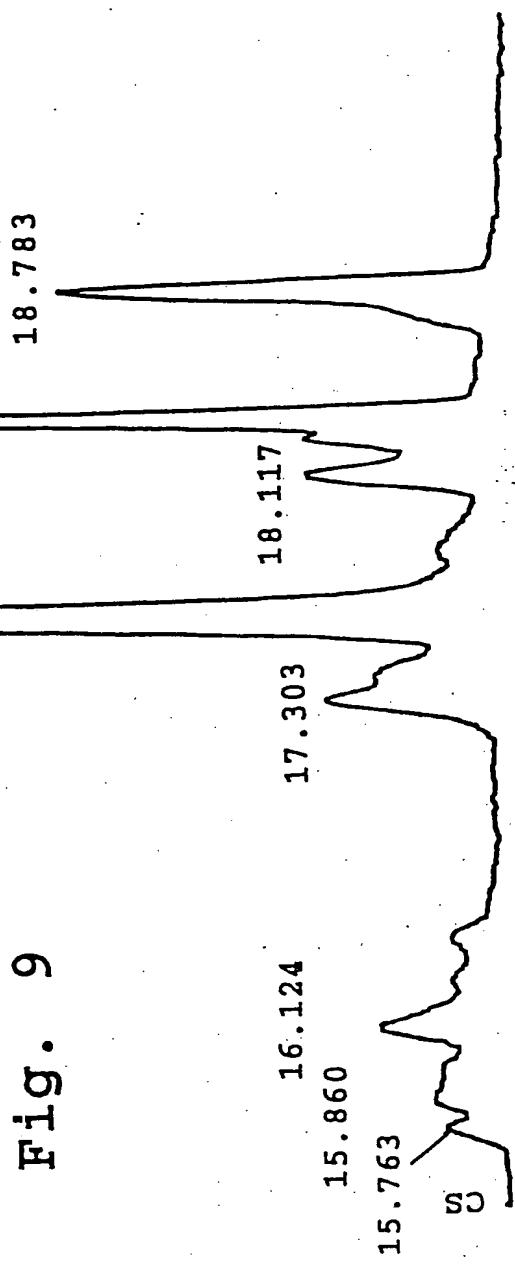


Fig. 7D



12.621 18.328



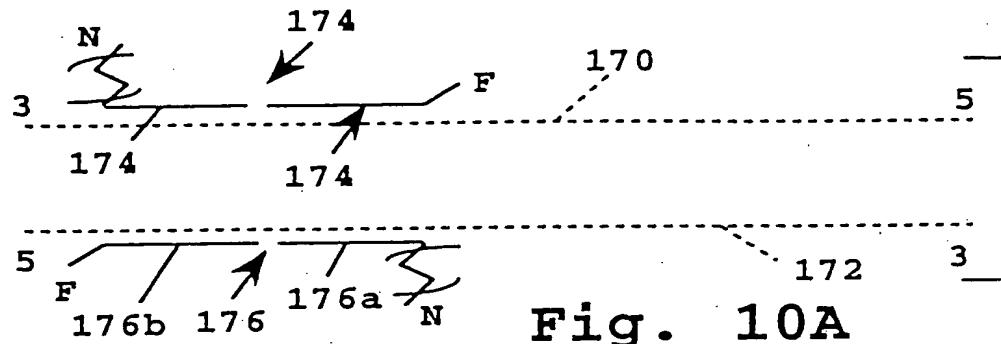


Fig. 10A

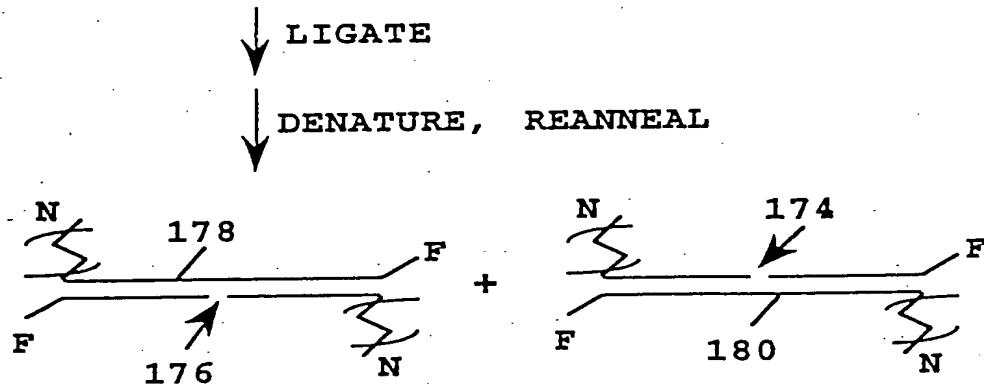


Fig. 10B

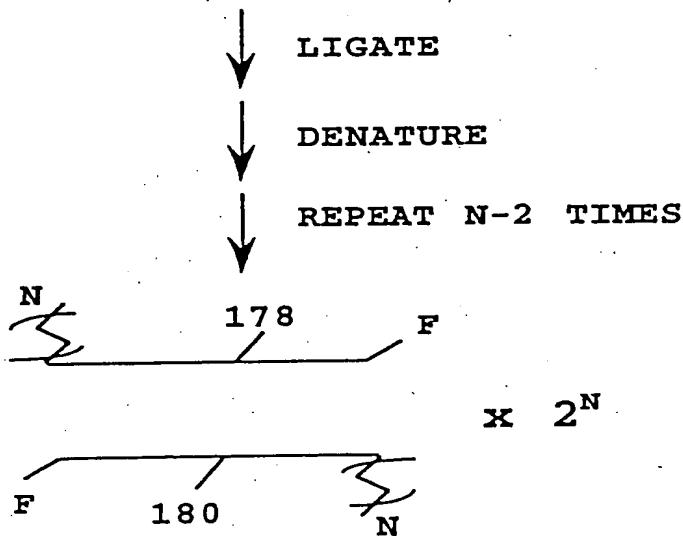


Fig. 10C

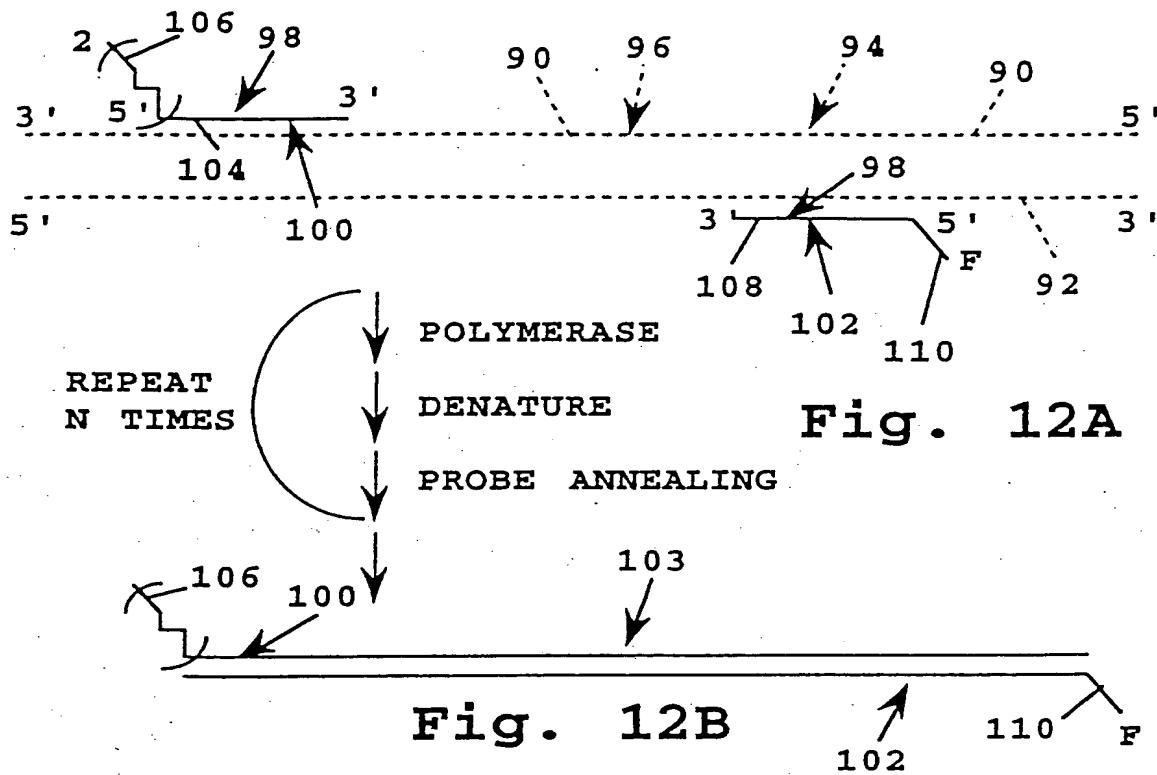


Fig. 13A

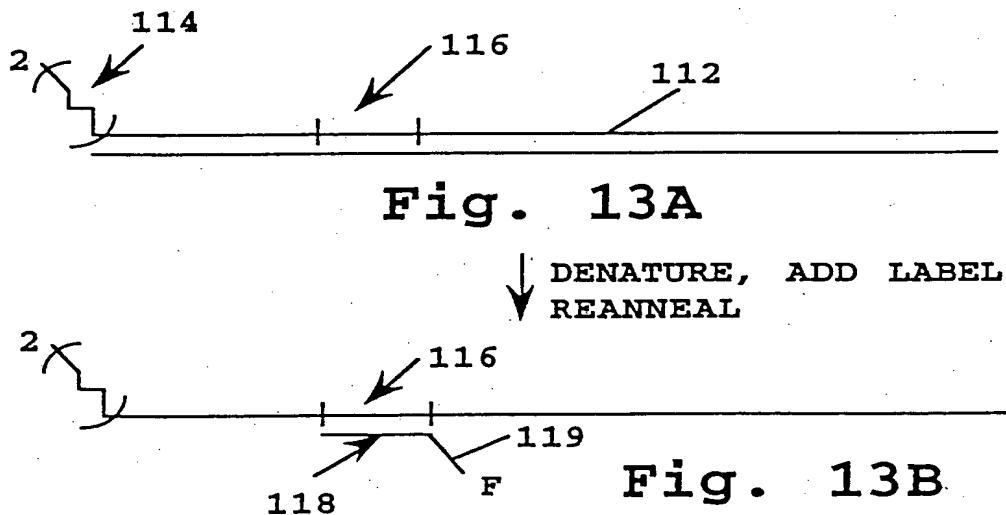
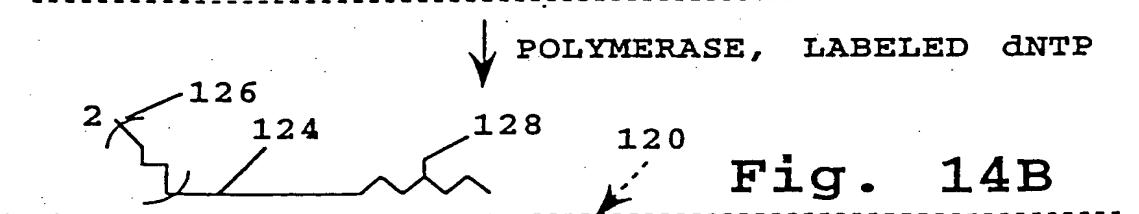
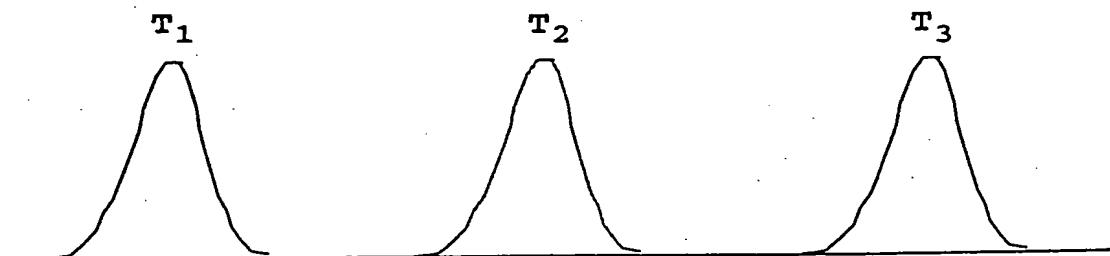
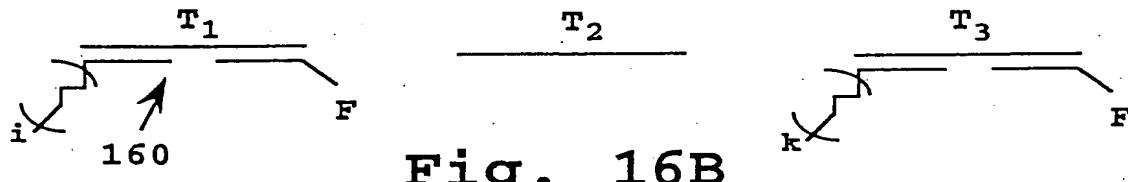
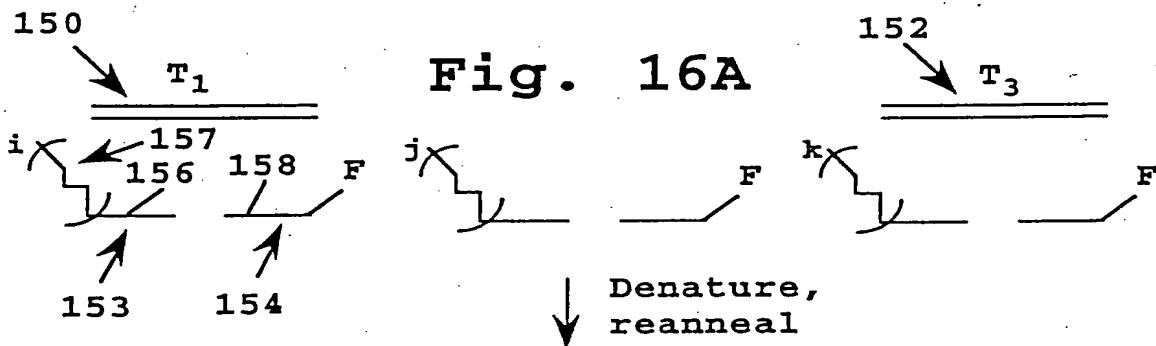
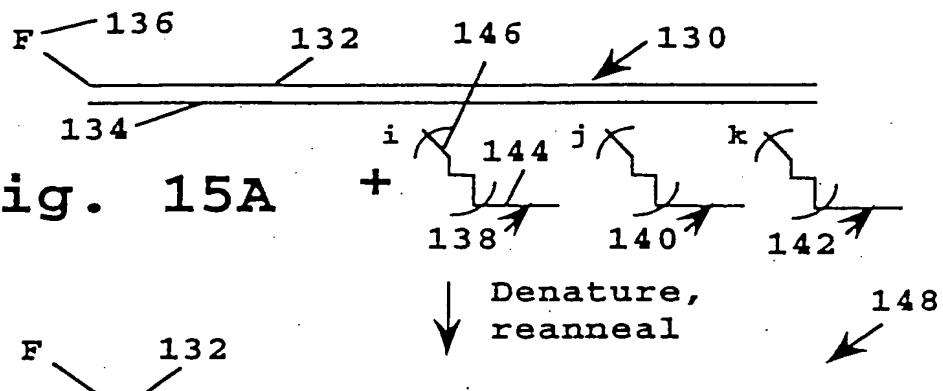


Fig. 14A





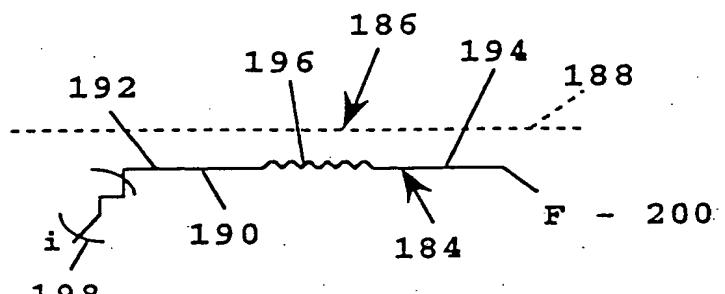


Fig. 17A

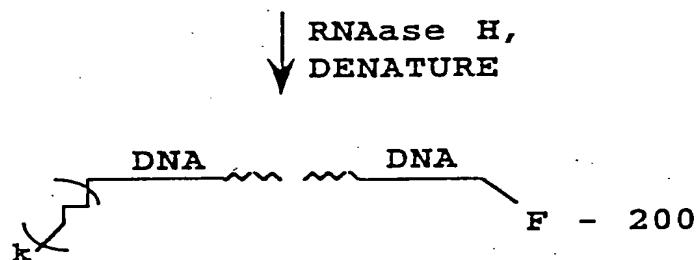


Fig. 17B

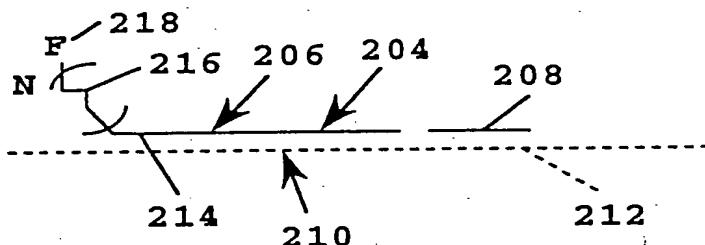


Fig. 18A

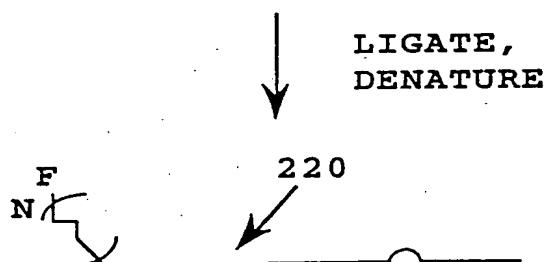


Fig. 18B

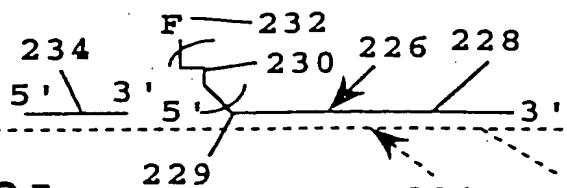


Fig. 19A

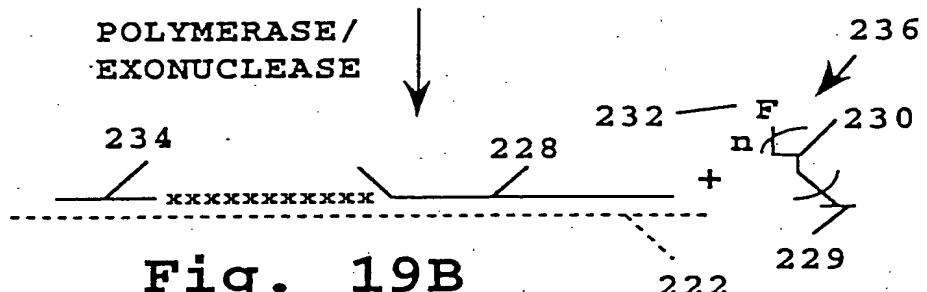


Fig. 19B

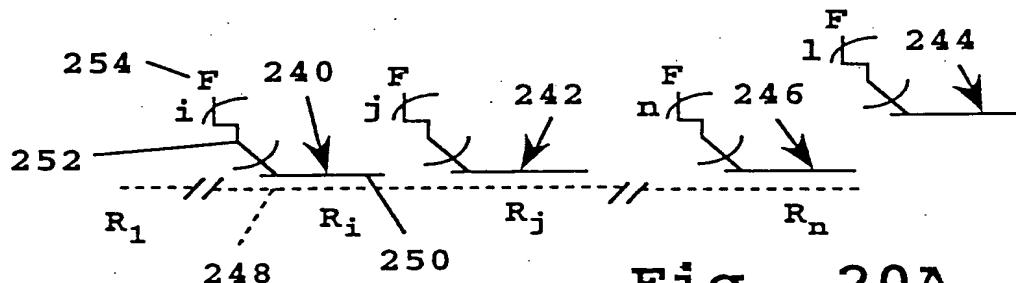


Fig. 20A

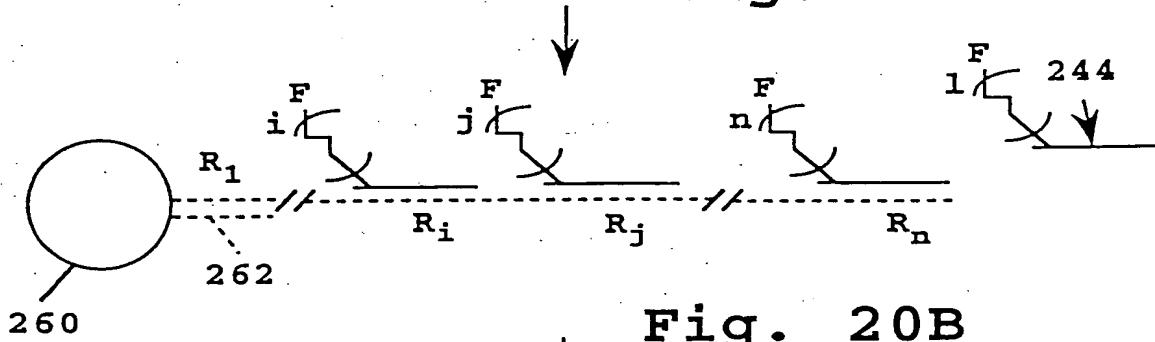


Fig. 20B

WASH, DENATURE

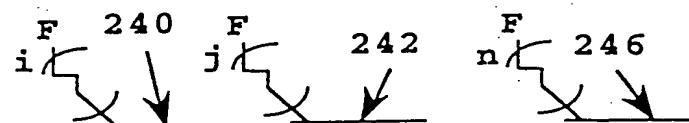
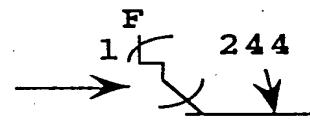


Fig. 20C